Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

```
                    55                    51                           54
                     |                     |                            |
  +------------------+---+      +------------------+      +----------------+
  |                      |      |    REGULAR       |  A   |                |  ANT_TX
  |                      |<---->|     TRX          |----->|                |
BSC |                    |      +------------------+ BCCH |                |
<-->|  TRANSMISSION      |              ^                 |                |
  |    SYSTEM            |              |           53    |                |
  |                      |              v            |    |                |
  |                      |<---->+------------------+      |                |<---->
  |                      |      |   CONTROLLER     |<---->|                |
  |                      |      +------------------+      |                |
  |                      |              ^                 |                |
  |                      |              |           52    |                |
  |                      |              v            |    |                |
  |                      |<---->+------------------+  S1  |                |  ANT_RX
  |                      |      |    SUPER         |----->|                |
  +----------------------+      |     TRX          |      +----------------+
                                +------------------+
```

Fig. 6

```
                63
                 |
        +------------------+
        |   DATA BASE      |
        +------------------+
                 ^
                 |
                 v          62
        +------------------+
        |    CONTROL       |
        +------------------+
                 ^
                 |
                 v          61
        +------------------+
  BTS <-->     GSW          <--> MSC
        +------------------+
```
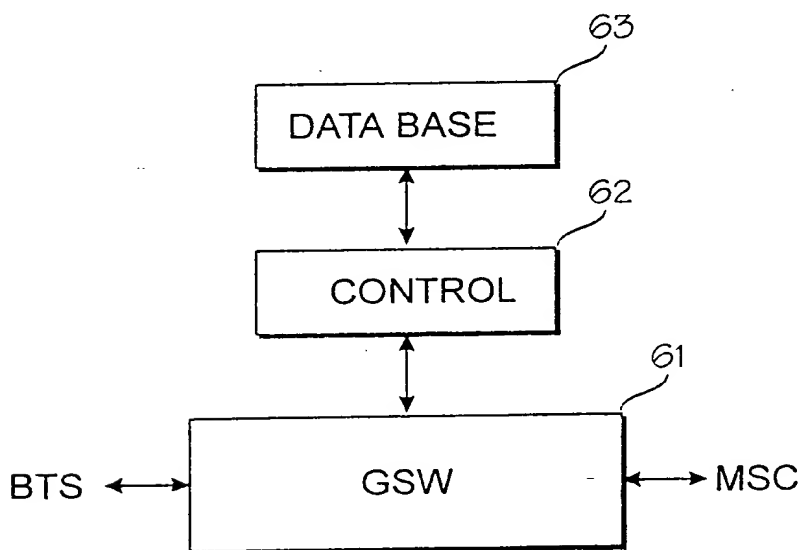
Fig. 7

Base station	Handover threshold 1	TRX	TRX type	Interfering base stations
BTS1	SuperReuseGoodC$_i$Threshold Id (CiRatio, Nx, Px)	TRX1	REGULAR TRX	
	SuperReuseBadC$_i$Threshold Id (CiRatio, Nx, Px)	TRX2	SUPER-REUSE-TRX	BTS4 (LevelAdjustment,CIEstWeight, CIEstType)
				BTS9 (LevelAdjustment,CIEstWeight, CIEstType)
				: : :
BTS2				